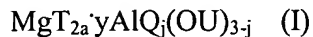
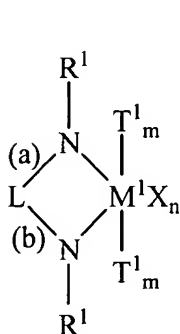


**Abstract**

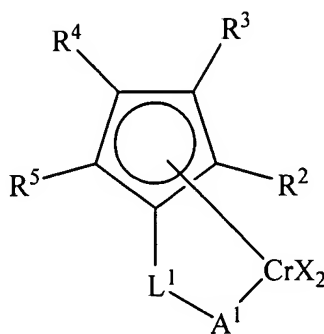
A supported catalyst system comprising the product obtainable by contacting an adduct of formula (I)



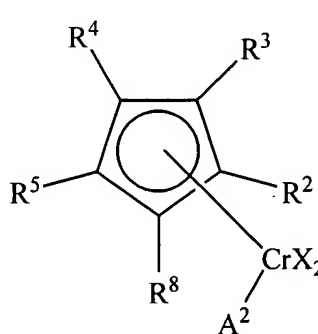
wherein T is chlorine, bromine, or iodine; U is a linear or branched C<sub>1</sub>-C<sub>10</sub> alkyl radical, y ranges from 6.00 to 0.05; j ranges from 3 to 0.1; Q substituents, are hydrocarbon radicals containing from 1 to 20 carbon atoms; with at least one compound selected from the compounds of formula (II), (III) and (IV)



(II)



(III)



(IV)

wherein  $M^1$  is a transition metal atom selected from Groups 3-11 of Periodical Table; each  $R^1$ ,  $R^2$ ,  $R^3$ ,  $R^4$ ,  $R^5$  and  $R^8$  is a hydrogen atom, a halogen atom or a hydrocarbon group;  $L$  and  $L^1$  are divalent or trivalent hydrocarbon groups;  $T^1$  is a Lewis base;  $A^1$  and  $A^2$  are oxygen sulfur or nitrogen containing groups and  $X$  is hydrogen halogen or hydrocarbon group.